

ICOM

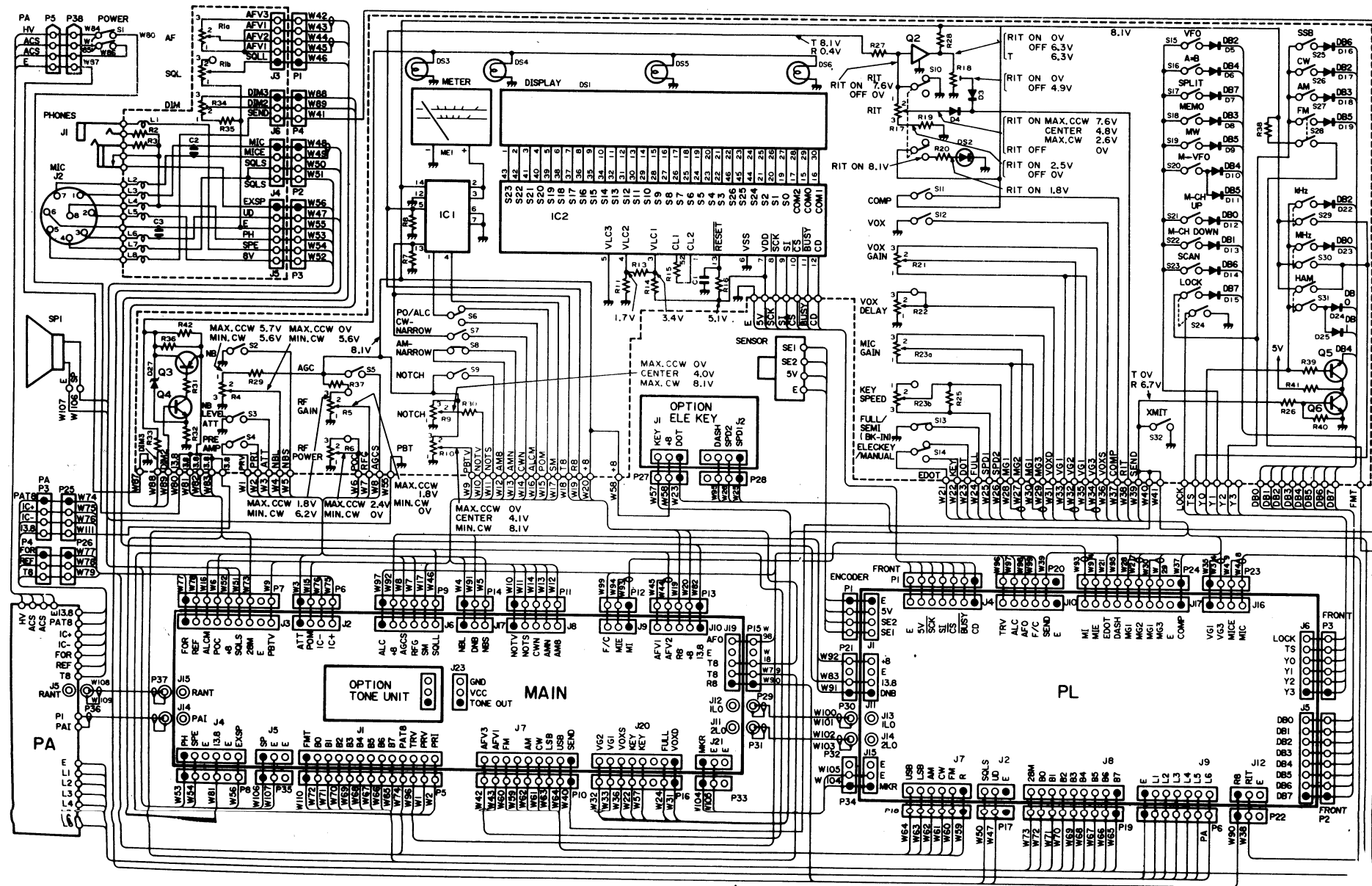
IC 735

MODEL

SERVICE MANUAL

ICOM IC-735

FRONT UNIT AND WIRING DIAGRAM





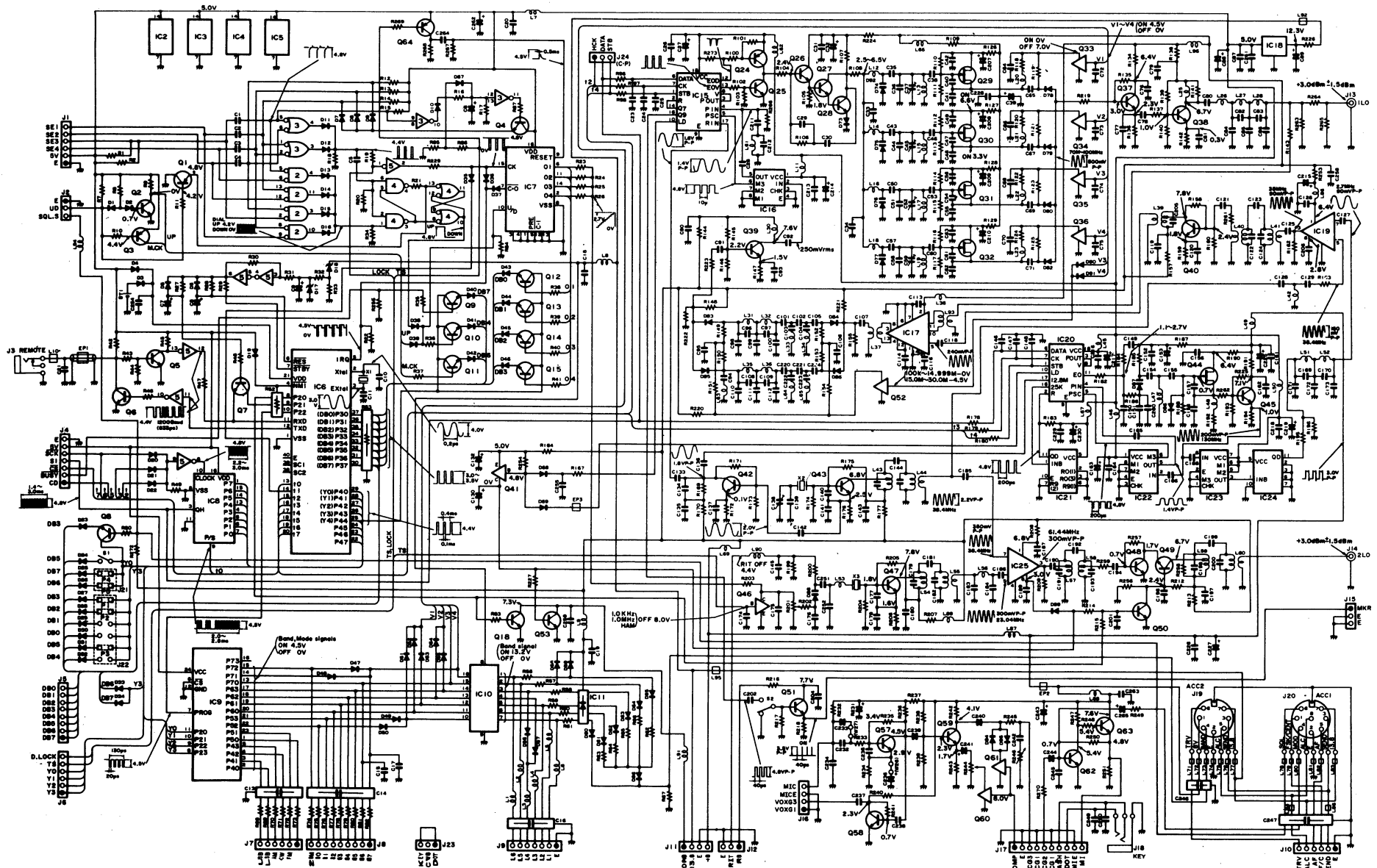
#	TRANSMIT			RECEIVE			REMARKS
	BASE	COLL	EMITTER	BASE	COLL	EMITTER	
Q25	2.1	6.4	6.5	6.4	0	6.5	CW NAR ON
	2.1	6.5	6.5	2.1	6.5	6.5	CW NAR OFF
Q26	6.2	2.1	6.5	0.6	6.5	6.5	CW NAR ON
	6.2	2.1	6.5	6.2	2.1	6.5	CW NAR OFF
Q27	1.0	7.2	7.2	1.0	7.2	7.2	AM NAR ON
	7.2	0	7.2	7.2	0	7.2	AM NAR OFF

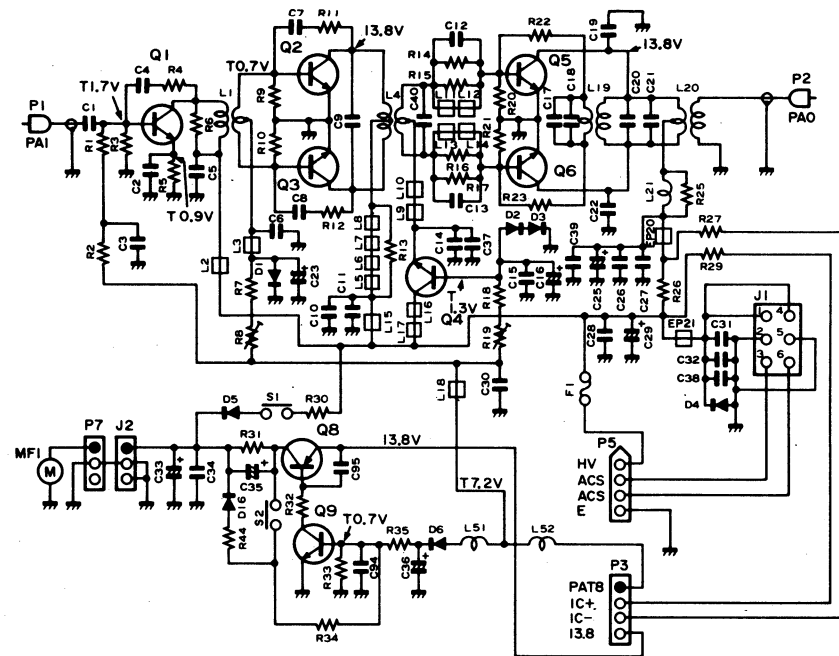
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
IC-2	RX	0	0	0	0	13.0	0	0	13.6	GND	0	0	4.3	0	0	0	0
	TX	0	0	0	0	0	0	0	GND	0	0	4.3	0	0	0	0	0
IC-5	RX	7.2	0	7.2	0	0	0	0	8.0	GND	0	0	0	0	3.7	0	4.3
	TX	7.2	0	7.2	0	0	0	0	8.0	GND	0	0	0	0	3.7	0	4.3
IC-13	RX	0	0	0	0	0	0	GND	0	0	0	0	8.7	8.7	8.0	0	0
	TX	0	0	0	0	0	0	GND	0	0	0	0	8.7	8.7	8.0	0	0

	BASE or GATE		COL. or DRAIN		EMITTER or SOURCE		REMARKS
	TX	RX	TX	RX	TX	RX	
Q11	0	13.0	0	0	0	13.5	PRE AMP OF
	0	0	0	13.5	0	13.5	PRE AMP OF
Q12	0	0	0	12.5	0	1.3	PRE AMP OF
	0	0	0	0	0	0	PRE AMP OF
Q13	0	0	0	12.5	0	1.3	PRE AMP OF
	0	0	0	0	0	0	PRE AMP OF

MAIN UNIT

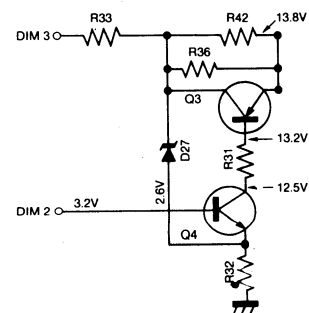
PL UNIT



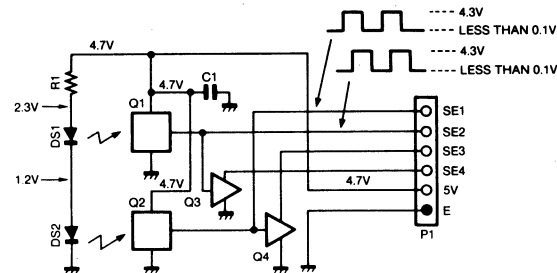


	Rx	Tx
SI, S2 OFF	0	4.4
SI OFF, S2 ON	6.1	6.1
SI, S2 ON	7.6	7.6

FRONT UNIT DIMMER CIRCUIT



SENSOR UNIT



PA UNIT (FILTER)

BAND	PORT(P6)	VOLTAGE
1.8MHz	L 1	12.5
3.5MHz	L 2	12.5
7MHz	L 3	12.5
10, 14MHz	L 4	11.5
18, 21MHz	L 5	12.5
24, 28MHz	L 6	12.5

